

5-1-76- fig sketched over from 5-1 (Paradise Lake)
(30' 40' SW)
P&A-6/22/76

FILE NOTATIONS

Entered in NID File	Checked by Chief
Section Map Pinned	Approval Letter
Indexed	Disapproval Letter

COMPLETION DATA:

Completed 5/25/76	Location Inspected
TA.....	Bond released
CS..... PA.✓	State or Fee Land

LOGS FILED

Log.....
Logs (No.) ✓(1)..
..... I..... Dual I Lat..... GR-N..... Micro.....
AC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-3547		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Colt Oil Incorporated			7. UNIT AGREEMENT NAME Paradise Lake		
3. ADDRESS OF OPERATOR P. O. Box 3052, Grand Junction, Colorado 81501			8. FARM OR LEASE NAME		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2061' FNL, 591' FSL, Sec. 5, T25S, R4E, Sevier County, Utah At proposed prod. zone			9. WELL NO. 5-1A		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 21 miles NE of Loa, Utah			10. FIELD AND POOL, OR WILDCAT Wildcat		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 611 Ft.			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T25S, R4E		
16. NO. OF ACRES IN LEASE 280			12. COUNTY OR PARISH Sevier		
17. NO. OF ACRES ASSIGNED TO THIS WELL -			13. STATE Utah		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 9464' G.L.			22. APPROX. DATE WORK WILL START* May 26, 1976		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	40.5#	800'	Cement to Surface
8 3/4"	4 1/2" *	10.5#	4100'	3.00 Sx.

* If needed, a 7" intermediate string of casing will be set.

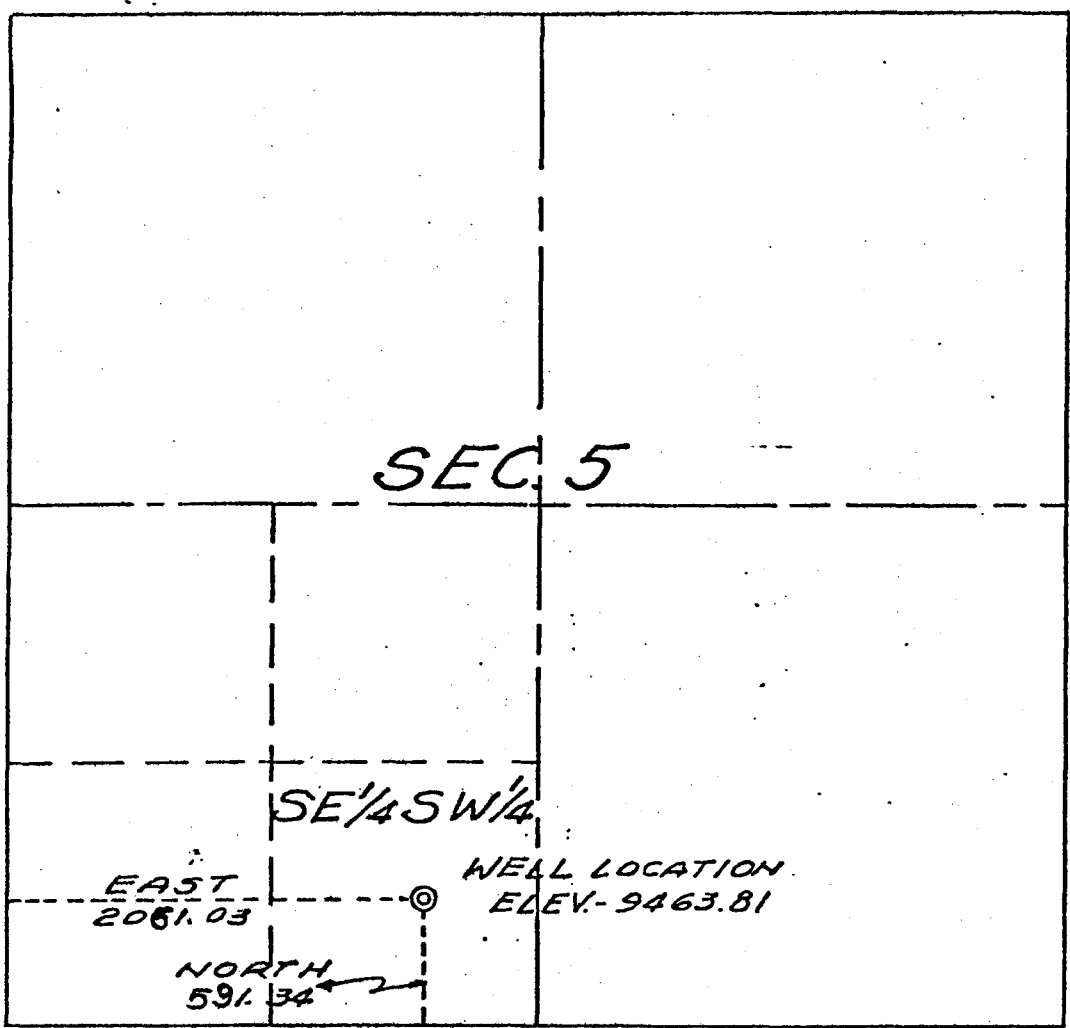
We propose to skid the rig from its present location about 30'-40' SW and drill a new hole as proposed above. Mechanical problems and extenuating circumstances necessitated plugging and abandoning the previous hole. A 15" hole will be drilled to approximately 800' and 10 3/4"-40.5# casing will be run and cemented to surface. BOP's will be nipples up and pressure tested to 1000 psig along with the surface casing. Drill out shoe and drill a 8 3/4" hole to approximately 4100 ft. using air as the drilling medium. If required, a 7"-20# intermediate casing string will be set about 1800' and a 6 1/4" hole drilled to about 4100'. If an intermediate string of casing is required, it will be run and cemented with 100 Sx. cement. BOP's will be nipples up and pressure tested to 1000 psig along with casing string. Production string, should the well be productive will be 4 1/2"-20# casing set at about 4100'. Geological objective is the Dakota sands, and if commercial production is found, it will be perforated, tested, and stimulated if necessary. If the well does not have commercial production indicated, it will be plugged and abandoned after proper permission has been secured.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED John D. Galt TITLE Agent DATE 5-25-76
(This space for Federal or State office use)

PERMIT NO. 43-300 43-041-30012 APPROVAL DATEAPPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

T.25S, R.4E. OF THE SALT LAKE MERIDIAN



SCALE - 1" = 1000'

WELL LOCATION

COLT OIL INCORPORATED

DENVER, COLORADO

PARADISE LAKE UNIT # 5-1A

SITUATED IN

SE 1/4 SW 1/4 SECTION 5

T.25S, R.4E. OF THE SALT LAKE MERIDIAN

SEVIER COUNTY, UTAH

REF. POINT 150 FEET EAST - ELEV -

REF. POINT 200 FEET EAST - ELEV - 9468.81

REF. POINT 100 FEET NORTH - ELEV - 9451.76

REF. POINT - 150 FEET NORTH - ELEV -

THIS IS TO CERTIFY THAT THE "WELL LOCATION" SHOWN ON THIS PLAT WAS PLOTTED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
DATE SURVEYED 6/3/70

SCARROW AND WALKER
REGISTERED LAND SURVEYORS

TOM WALKER
CERTIFICATE NO. 1548

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: May 27-
Operator: Calt Oil Co.
Well No: Paradise Lake 5-1A
Location: Sec. 5 T. 25S R. 4E County: Sevier

File Prepared

☒

Entered on N.I.D.

☒

Card Indexed

☒

Completion Sheet

☒

Checked By:

Administrative Assistant:

[Signature]

Remarks:

Petroleum Engineer/Mined Land Coordinator:

OK Put - Plugging program received for P.H. #5-

Remarks:

Director:

Please include in approval letter that prior to any plugging & abandoning, this office receives prior notification.

Remarks:

Include Within Approval Letter:

Bond Required

☐

Survey Plat Required

☐

Order No. _____

☐

Blowout Prevention Equipment

☐

Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site

☐

O.K. Rule C-3

☐

O.K. In _____ Unit

☐

Other:

☒

Rij Sked

☒

Letter Written

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Colt Oil Incorporated

3. ADDRESS OF OPERATOR

P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

2061' ENL, 591' FSL, Sec. 5, T25S, R4E, Sevier County,

At proposed prod. zone

Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 21 miles NE of Loa, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

611 Ft.

16. NO. OF ACRES IN LEASE

280

17. NO. OF ACRES ASSIGNED
TO THIS WELL

-

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

4100'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

9464' G.L.

22. APPROX. DATE WORK WILL START*

May 26, 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	40.5#	800'	Cement to Surface
8 3/4"	4 1/2" *	10.5#	4100'	3.00 Sx.

* If needed, a 7" intermediate string of casing will be set.

We propose to skid the rig from its present location about 30'-40' SW and drill a new hole as proposed above. Mechanical problems and extenuating circumstances necessitated plugging and abandoning the previous hole. A 15" hole will be drilled to approximately 800' and 10 3/4"-40.5# casing will be run and cemented to surface. BOP's will be nipples up and pressure tested to 1000 psig along with the surface casing. Drill out shoe and drill a 8 3/4" hole to approximately 4100 ft. using air as the drilling medium. If required, a 7"-20# intermediate casing string will be set about 1800' and a 6 1/4" hole drilled to about 4100'. If an intermediate string of casing is required, it will be run and cemented with 100 Sx. cement. BOP's will be nipples up and pressure tested to 1000 psig along with casing string. Production string, should the well be productive will be 4 1/2"-20# casing set at about 4100'. Geological objective is the Dakota sands, and if commercial production is found, it will be perforated, tested, and stimulated if necessary. If the well does not have commercial production indicated, it will be plugged and abandoned after proper permission has been secured.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Utah State G & G - Approval Notice

*See Instructions On Reverse Side

June 1, 1976

Colt Oil Incorporated
P.O. Box 3052
Grand Junction, Colorado 81501

Re: Well No. Paradise Lake 5-1A
Sec. 5, T. 25 S, R. 4 E,
Sevier County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following prior to such operations:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API Number assigned to this well is 43-041-30012.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw
cc: U.S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-3547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Paradise Lake

8. FARM OR LEASE NAME

9. WELL NO.

5-1A

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 5, T25S, R4E
SLB & M

12. COUNTY OR PARISH

Sevier

13. STATE

Utah

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Colt Oil Inc.

3. ADDRESS OF OPERATOR

P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

2061' FWL, 591' FSL, Sec. 5, T25S, R4E, Sevier
County, Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GS, etc.)

9464' G.L.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Spudding

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amended location plat attached.

Rig skidded over to the above location and the well was spudded on May 30, 1976 at 10:00 A.M.

Verbal permission obtained before commencing operations.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Agent

DATE

6-1-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

U-3547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Paradise Lake

8. FARM OR LEASE NAME

9. WELL NO.

5-1A

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 5, T25S, R4E,
SLB & M.

12. COUNTY OR PARISH

Sevier

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL ☐ GAS ☒ WELL ☐ OTHER

2. NAME OF OPERATOR

Colt Oil Inc.

3. ADDRESS OF OPERATOR

P. O. Box 3052, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

2061' FWL, 591' FSL, Sec. 5, T25S, R4E, Sevier
County, Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

9464' G.L.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Due to water problems encountered between 2500' and 2900', we propose to run 2900 ft. of new 7"-20# K-55 Range 2 casing and cement with 150 Sx of regular cement. After casing has been set, drilling operations will resume using air as the drilling medium.

A 6½" hole will be drilled to TD and the production casing will be 4½" as approved on the Application for a Permit to Drill.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Agent

DATE 6-11-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-3547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Paradise Lake

8. FARM OR LEASE NAME

9. WELL NO.

5-1A

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREASec. 5, T25S, R4E,
SLB & M

12. COUNTY OR PARISH

Sevier

13. STATE

Utah

1. OIL ☐ GAS ☒ OTHER2. NAME OF OPERATOR
Colt Oil Inc.

3. ADDRESS OF OPERATOR

P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)At surface 2061' FWL, 591' FSL, Sec. 5, T25S, R4E, Sevier County,
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

9464' G.L.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐Setting Casing ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A 12 1/4" hole was drilled to 651' and 10 3/4"-40.48# casing was set at 650' with 470 Sx Class G cement containing 3% CaCl₂ and 1/4#/Sx flocele in first 320 Sx. Plug down at 2:00 p.m. 6-7-76.

Drilled out shoe and drilled an 8 3/4" hole to 2758'. Set 7"-20# casing at 2735' and cemented with 100 Sx of Class G cement. Plug down at 11:45 AM on 6-15-76.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Agent

DATE 6-17-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-B354.5.
LAND OFFICE Salt Lake City
LEASE NUMBER U-3547
UNIT Paradise Lake

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Sevier Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1976,

Agent's address P. O. Box 3052, Company Colt Oil Inc.
Grand Junction, Colorado 81501 Signed [Signature]

Phone (303) 245-1958 Agent's title

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE 1/4 SW 1/4 Sec. 5	25S	4E	5-1	-	-	-	-	-	-	Well spudded on May 3, 1976 at 11:00 P.M. Due to drilling problems, this hole was abandoned on May 23, 1976 and rig skidded.
SE 1/4 SW 1/4	25S	4E	5-1A	-	-	-	-	-	-	Well spudded on May 30, 1976 at 10:00 A.M.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

CIRCULATE TO:
DIRECTOR
PETROLEUM ENGINEER
MINE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL
RETURN TO Kathy
FOR FILING

June 22, 1976

MEMO FOR FILING

Re: Colt Oil & Gas Company
Paradise Lake Unit 5-1A
Sec. 5, T. 25 S., R. 4 E.
Sevier County, Utah

On June 21, 1976, permission was given to Mr. Gagth, Reserve Oil & Gas Company, by the U. S. Geological Survey.

All aspects of said plugging program are in concurrence with this Division.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. Geological Survey

PLUGGING PROGRAM FORM

Name of Company: COLT OIL & GAS COMPANY Well Name: Paradise Lake Unit 5-1A

Verbal Approval Given To Mr. Gagth Sec. 5 T. 25S R. 4 E County: Sevier

Verbal Approval Was Given To Plug the Above Mentioned Well In The Following Manner:

On June 21, 1976, Colt Oil & Gas company received their plugging program from the U. S. Geological Survey to this effect:

50 sx cement plug at the interval 2575'- 2725'.

This will be 50' into the surface of the shut-off intermediate casing. They will lay a 150' plug in and around with 50 sx cement at 600' to 700'.

50' in and 50' under the vase of the 10 3/4" surface casing. They will have 10 sx cement at the top of the 10 3/4" casing. If they do not have a regulation dry hole marker they will cement and cut off 3' to surface - but they will probably erect the marker.

Date Verbally Approved: _____ Signed: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR DATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-3547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Paradise Lake

8. FARM OR LEASE NAME

9. WELL NO.

5-1A

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREASec. 5, T25S, R4E,
SLB & M

12. COUNTY OR PARISH 13. STATE

Sevier

Utah

1. OIL ☐ GAS ☒
WELL WELL OTHER

2. NAME OF OPERATOR

Colt Oil Incorporated

3. ADDRESS OF OPERATOR

P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

2061' FWL, 591' FSL, Sec. 5, T25S, R4E, Sevier County,
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

9464' G.L.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Drilled a 6½" hole to 4121' and found well to be noncommercial.

Surface Casing: 10 3/4"-40.48# casing set at 651' KB with 470 Sx Class G
cement containing 3% CaCl₂ and ¼#/Sx Flocele in first 320 Sx.
Circulated cement to surface.Intermediate Casing: 7"-20# casing set at 2735' with 100 Sx Class G Cement. Ran
Free Point, shot casing off, and pulled 951'.Cement Plugs: 2775-2307' with 90 Sx Class G.
675'-575' with 50 Sx Class G.
Surface 10 Sx.Operations complete on 6-22-76. Verbal permission granted prior to plugging. Plans
are to install regulation dry hole markers over both holes. This will be done after
meeting with the Loa Forest Service on July 14, 1976 to discuss surface restoration
depending upon the timing of the reserve pits drying up, the location cleanup and
restoration should be completed by the end of August, 1976.APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: _____

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Agent

DATE 6-29-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Attached

Confirm Oral

6/21/76

JUL 06 1976

*See Instructions on Reverse Side

K

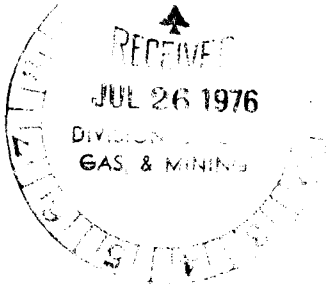
Gordon Engineering, Inc.

P

Consulting Engineers
Specialists in Oil & Gas

P. O. Box 3052
822 North Avenue
Grand Junction, Colo. 81501
(303) 245-1958

June 18, 1976



Re: Paradise Lake Unit #5-1A
SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 5-25S-4E
Sevier County, Utah

Mr. Grant I. Gaeth
Colt Oil Incorporated
633 Seventeenth Street, Suite 1270
Denver, Colorado 80202

Dear Mr. Gaeth:

On June 11, 1976, a call was received from Mr. E. W. Guynn stating that a spill had been reported and he requested that all operations be suspended until such time that he released them. The drilling contractor was notified and after he called the rig to notify them, a confirmation call was made to Mr. Guynn. Arrangements were made to meet Mr. Alexander of the U.S.G.S. on location the morning of June 12, 1976.

Mr. Alexander and myself inspected the location, the spill site, and the nearby drainage around 9:30 A.M. on June 12, 1976. After the inspection was made, Mr. Alexander issued a shut down order and several other incidents of non-compliance which are attached. During the inspection trip, several photographs, shown by Attachment No. 1, were taken.

We visited with Mr. Russell Morris, the toolpusher for the rig, and discussed what had taken place. Mr. Guynn was then called and our operations released about 12:30 P.M. From all indications, the well was making about 400-500 BBL of water from about 2600 feet on down. As soon as the upper reserve pit was filled up, the rig crew cut the dam and drained it into the lower pit.

Shortly thereafter, the dam on the lower pit began to collapse as water began to run over it. This necessitated cutting the water out of the lower pit to keep it from completely bursting. Several thousand barrels of water within both pits ran into a small gully and eventually entered a fresh water stream about 1/2 mile from the rig. The drilling effluent was mostly

Page 2

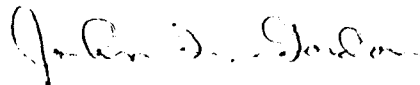
To: Mr. Grant I. Gaeth
From: Mr. John I. Gordon
Date: June 18, 1976

formation water with a small amount of mist drilling fluid. The mist drilling fluid was fresh water containing a biodegradable soap and 2½ lb. potassium chloride (KCl) per barrel of water.

It is my understanding that during the spill, soapsuds could be found for about 1/4 mile, before breaking up and dispersing. When the inspection was made with Mr. Alexander, absolutely no evidence of soapsuds existed, and no effluent was entering the gully. Later during our conversation with Mr. Guynn, he stated that the Forest Service had indicated that we were blatantly discharging drilling fluid containing cuttings into a fresh water stream and he apologized for this.

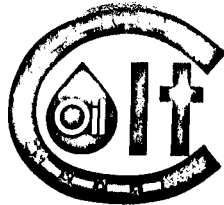
We have received full cooperation from Mr. Guynn and his staff during this problem, and they have been extremely helpful. All of the incidents of non-compliance have been corrected as of 6-16-76 and a report is being filed with the U.S.G.S. The pictures in Attachment No. 1 are provided as additional documentation for your file and future use.

Very truly yours,



John I. Gordon

JIG/jmt
Enclosures

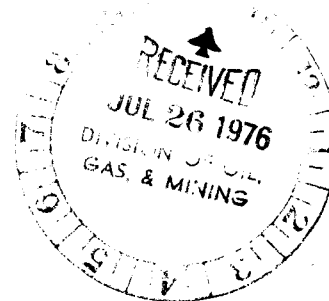


COLT OIL INCORPORATED

First of Denver Plaza, Suite 1270
633 Seventeenth St. • Denver, Colo. 80202
phone (303) 534-3460

P

TO: Working Interest Owners
FROM: Grant I. Gaeth
SUBJECT: Drilling and Geological Report
Colt-Paradise Lake Unit #5-1A
2061' FWL, 591' FSL
Section 5, T. 22 S., R. 4 E.,
Sevier County, Utah
Original Gr. Elev. = 9464'
Adjusted Gr. Elev. = 9470'
K.B. Elev. = 9480'
DATE: July 9, 1976



The above referenced wildcat test penetrated 583' into the Tununk member of the Cretaceous Mancos formation and was subsequently abandoned at a total depth of 4121' on June 22, 1976.

The Paradise Lake Unit #5-1 spudded on May 3, 1976, had 10 3/4" surface casing set at 418' RKB with 285 sxs of regular cement + 2% CaCl₂ and was abandoned on May 23, 1976 after failing to penetrate below 1752'.

Shortly after initiating drilling operations on the #5-1 well, the U. S. Forest Service filed a complaint with the U.S.G.S. which resulted in the May 5, 1976 surface inspection and report. (See attached May 6 letter by John I. Gordon).

After securing U.S.G.S. approval and expanding the location, the rig was skidded approximately 30' to the south and west where operations on the #5-1A were initiated on May 30, 1976. 10 3/4" surface casing was set in a 15" hole at 650' RKB with 470 sxs regular cement + 2% CaCl₂. An 8 3/4" hole was drilled to 2758' where excessive formation water produced by the air mist drilling medium caused overloading of the reserve mud pits and partial discharge into a dry stream bed leading north from the drill site. Operations were suspended by the U.S.G.S. on June 11, 1976 and a shut down order rendered on June 12, 1976. A copy of John I. Gordon's engineering report regarding the drilling effluent spill is attached.

Operations resumed after compliance with U.S.G.S. stipulations and intermediate 7" casing was set at 2735' with 100 sxs regular cement on June 17, 1976. A 6 1/4" hole was drilled to a total depth of 4121' with an increasing discharge of formation water while drilling with air mist. Enlarged reserve pits and approved trucking of excess formation water kept operations in compliance with the approved plan of operations.

Following is the bit record of the #5-1A well:

Working Interest Owners
 July 9, 1976
 Page Two

Run	Size	Make	Type	Serial	Depth Out	Footage	Hours
1	15	Reed	YT	R.R.	310	310	
2	15	SEC	M4N	654997	441	131	
3	8 3/4	SEC	M44N	510668	624	183	
4	8 3/4	HTC	OWV	P5559	1872	1248	25 3/4
5	8 3/4	SEC	M44N	654726	2758	886	28
6	6 1/4	HTC	OWV	KH880	3046	288	7 3/4
7	6 1/4	SEC	M4n	497197	3229	183	8
8	6 1/4	SEC	H7J	679145	3374	150	6 3/4
9	6 1/4	SEC	588F	656003	4121	747	19 3/4

After making several trips to clear the bridging hole, a Dule Induction-Latero-log was run in the interval 2735'-4032' and a Gamma Ray log was run through the interval surface to 3344'. Logging operations were concluded at 8:00 A.M. on June 21, 1976 after failing to by-pass the bridging hole below 3100' with density, caliper and neutron tools. Detailed formation evaluation with the available surveys was not possible in the Ferron interval, however, the drilling of this interval with air mist yielded a continuous test of Ferron sands which were found to be water bearing.

Electric log formation tops and Sea Level datum elevations are tabulated below:

	Sample Top	E-log Top	Sea Level Datum
Cretaceous			
Starpoint		460'?	+9020'?
Musuk		646'?	+8834'?
Emery	960'	977'	+8503'
Bluegate	1590'	1624'	+7856'
Ferron	2740'	2746'	+6734'
Tununk	3550'	3538'	+5942'

U.S. Geological Survey and Utah State Oil and Gas Conservation Division plug-
ging orders were completed June 22, 1976. (See attached Form #42-R1424 dated
 6/29/76 and approved 7/6/76). The U.S. Forest Service and the U.S.G.S. have
 decided to waive the dry hole marker requirement in favor of complete rehabili-
 tation. Evaporating reserve pits and a fall reseeding schedule dictate a
 probable October rehabilitation program.

Structurally, the Paradise Lake Unit #5-1A was 40' high to the Pacific Natural
 Gas Exploration Company Paradise Lake #7 well located in NE SE of Section 8,
 T25S, R4E when comparing Cretaceous Ferron tops, however, the #5-1A well was
 only 21' high to the #7 well when comparing the tops of the Cretaceous Tununk
 shale. Conductivity curves in logs of the Tununk shale in both wells were

Working Interest Owners
July 9, 1976
Page Three

identical and yielded an unquestionable stratigraphic correlation. The #5-1A well ran in excess of 200' structurally low to the prognosis and proved either the presence of a normal fault between surface mapping points #'s 10, 11 and 12 and the well site or that these same surface points are not truly the top of the Cretaceous Starpoint sandstone. (See Paradise Lake Cretaceous Starpoint Structure Map).

Stratigraphic comparisons of the Cretaceous Ferron intervals in the #5-1A and #7 Paradise Lake wells are inconclusive. The #5-1A well was mist drilled and has a gamma ray log without caliper to 3346' while the #7 well was mud drilled and has a caliper log with no gamma ray curve. Spontaneous Potential (S.P.) tools were run in both wells and are totally dissimilar. Ferron sandstone beds in the #5-1A well are probably thinner and of inferior reservoir quality to those in the #7 well. The Ferron intervals in the #5-1A and #7 wells are 792' and 773' respectively.

No shows of oil or gas were observed in the Ferron sands. Sample quality was fair to good but most sandstones came to the surface as individual quartz grains. The mist drilling medium with intermediate casing set just above the Ferron interval yielded a continuous formation test with a minimum formation damage factor.

In conclusion, the Colt Paradise Lake Unit #5-1A well penetrated the complete Ferron interval without encountering oil and/or gas shows and was abandoned at a total depth of 4121' in the Cretaceous Tununk shale. The 4121' total depth satisfied both Unit and Partner obligations. Structurally, the #5-1A well was in excess of 200' low to the drilling prognosis and defined an error in the surface structural interpretation.

It is recommended that Colt Oil Incorporated, as Unit Operator, submit within the next thirty days a plan for unit development to the U.S. Geological Survey calling for additional surface mapping, a winter seismic program involving reinterpretation of existing seismic data and an 11,000' Permian test to be drilled after June 15, 1977. Copies of this plan together with our AFE estimates and proposal to working interest owners will be forthcoming.



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Paradise Lake Unit #5-10 APT 43-041-30012

Operator Colt Oil Incorporated

Address Suite 1270, 633 Seventeenth St., Denver, Colorado 80202

Contractor Willard Pease Drilling Company

Address 2457 Industrial Blvd., Grand Junction, Colorado 81501

Location SE 1/4, SW 1/4, Sec. 5; T. 25 ~~XX~~ S R. 4 ~~XX~~ E; Sevier County

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	From- To-	Flow Rate or Head -	Fresh or Salty -
1.	<u>460 - 646'</u>	<u>Made water while drilling with air</u>	<u>Fresh</u>
2.	<u>1500 - 1600'</u>	<u>Made large volume (50-100 Bbls/hr. while drilling with air mist)</u>	<u>Fresh</u>
3.			
4.	<u>2746 - 3538'</u>	<u>Increasing water flow while air-mist drilling from thin porous sands</u>	<u>Fresh</u>
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Starpoint? 460'
Masuk? 646'
Bluegate 1624'
Ferron 2746'
Tununk 3538'

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.



CALVIN L. RAMPTON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116

GUY N. CARDON
Chairman

CHARLES R. HENDERSON
ROBERT R. NORMAN
JAMES P. COWLEY
HYRUM L. LEE

CLEON B. FEIGHT
Director

September 23, 1976

Colt Oil Inc.
Suite 1270
633 Seventeenth Street
Denver, Colorado 80202

Re: Well No. Paradise Lake Unit 5-1A
Sec. 5, T. 25S, R. 4E
Sevier County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

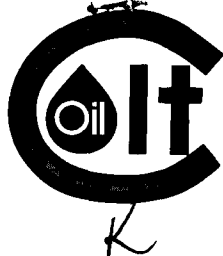
Please complete the enclosed Form OGC-3 in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER
RECORDS CLERK



COLT OIL INCORPORATED

First of Denver Plaza, Suite 1270
633 Seventeenth St. • Denver, Colo. 80202
phone (303) 534-3460



September 23, 1976

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

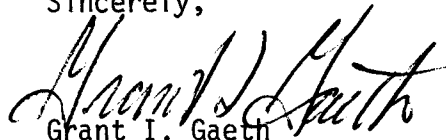
Attention: Cleon B. Feight
Director

Re: Paradise Lake Unit
Well #5-1

Dear Mr. Feight:

Enclosed you will find a copy of the approved Notice of Abandonment for the above referenced well. The geological report was transmitted to you under a letter dated July 21, 1976. This report covered both the 5-1 and 5-1A wells. No logs were run as the two wells were 25 feet apart.

Sincerely,


Grant I. Gaeth

GIG:d

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1421.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-3547	
2. NAME OF OPERATOR Colt Oil Incorporated		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 3052, Grand Junction, Colorado 81501		7. UNIT/AGREEMENT NAME Paradise Lake	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2081' FWL, 611' FSL, Sec. 5, T25S, R4E, Sevier County, Colorado		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. 5-1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 9464' G.L.		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA Sec. 5, T25S, R4E	
		12. COUNTY OR PARISH Sevier	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☒
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well was spudded at 11:00 P.M. on May 3, 1976, due to drilling problems encountered between 400' and 1600' hole had to be abandoned and the rig skidded to a new location.

Surface casing set at 418' KB and cemented to surface with 265 Sx. of regular cement with 2% CaCl₂.

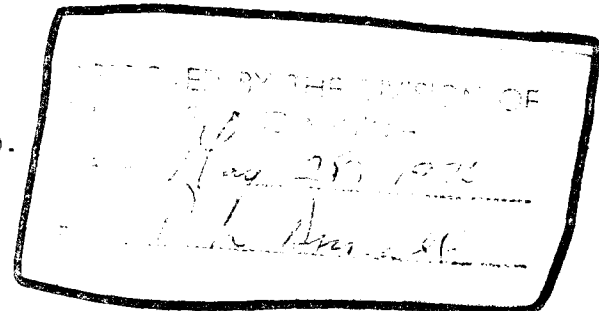
Cement plugs set at 1270'-480', 650 Sx. regular.

Bridge Plug set at 401' KB with 65 Sx.

Surface Plug set with 10 Sx. Regular.

Surface Casing cut off 3' below grade level and steel plate welded over surface casing.

SEE ATTACHED RESUME FOR DRILLING PROBLEMS ENCOUNTERED.



18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Engineer DATE 5-25-76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: